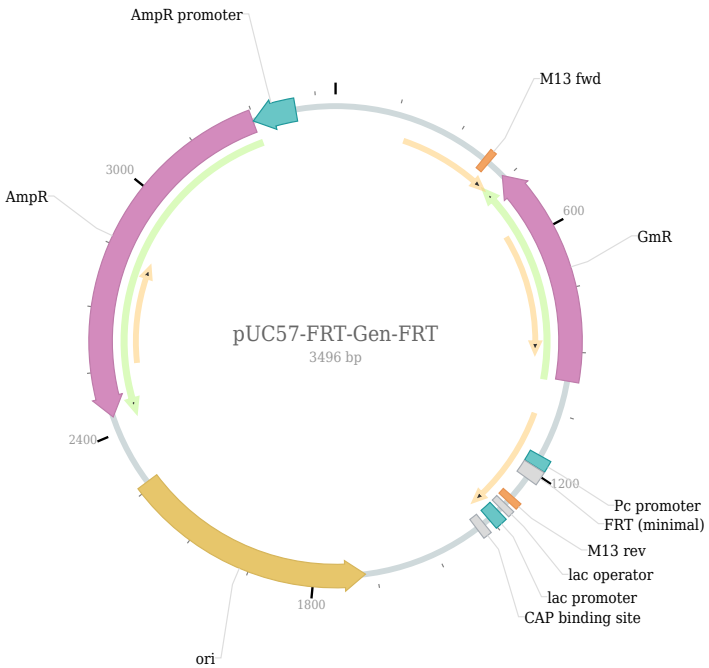
pUC57-FRT-Gen-FRT

载体编号 Vector ID	V014037
抗性 Antibiotic Resistance	Ampicillin
长度 Length	3496 bp
载体类型 Vector Type	Gene knockout
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	Pc
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The pUC57-FRT-Gen-FRT plasmid is a specialized cloning vector derived from the common pUC57 backbone. It features FRT sites flanking a gene (e.g., a zeocin resistance marker), which allows for FLP recombinase-mediated excision of the flanked sequence. This system is used for genetic manipulation, such as constructing gene knockouts in bacmid systems.

质粒图谱



复溶方法

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.